

REMARKS

Please reconsider this application based on the amendments and following remarks.

- Claims 10-20 are pending in this Application.
- Claims 10-18 are rejected.
- Claims 19-20 are new.
- Claim 9 is withdrawn without prejudice.

New Claim 19 encompasses subject matter similar to that of canceled Claim 9. Additionally, it contains a limitation that recites use of a bridged polymerization catalyst. Support for this limitation is found in Examples 14 and 15 as filed.

Support for new Claim 20 is provided by Claim 10, as filed. Support for amended Claim 10 is provided by Claim 9 as filed.

Thus, these changes add no new matter, and should be entered at this time. For the reasons that follow, all claims are in condition for allowance.

Claim 19 as amended recites the use of a bridged metallocene catalyst. Jejelowo (U.S. 5,359,015) uses unbridged catalysts. Thus, there is no one-to-one correspondence between Jejelowo's polymer and that of applicants. Thus, Claim 19 is allowable.

Please allow the pending claims.

Please contact me if you think doing so will be helpful.

Respectfully submitted,

5/29/01

Date

A handwritten signature in black ink, appearing to read "Charles E. Runyan", written over a horizontal line.

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9. An ethylene homopolymer or copolymer having an $MIR \leq 35$, a $MWD = 2-15$, a $CDBI \geq 60$, and a melt strength $\geq 6.0 - 6.0 \times \log(MI)$.

10. The ~~homopolymer or copolymer~~ ^{polymer} of claim ~~9~~ ¹⁹ having a melt strength is ~~$\geq 8.0 - 6.0 \times \log(MI)$~~ ^{6.0}.

11. The polymer of claim ~~9~~ ¹⁹ where the MI is 0.3 to 1.2.

12. The polymer of claim ~~9~~ ¹⁹ where the MIR is \leq than 25.

13. The polymer of claim ~~9~~ ¹⁹ consisting of ethylene.

14. The polymer of claim ~~9~~ ¹⁹ comprising ethylene and one or more C_3-C_8 α -olefin.

15. The polymer of claim 11 consisting of ethylene.

16. The polymer of claim 11 comprising ethylene and one or more C_3-C_8 α -olefin.

17. The polymer of claim 12 consisting of ethylene.

18. The polymer of claim 12 comprising ethylene and one or more C_3-C_8 α -olefin.

APPENDIX A